GOVERNMENT OF INDIA
HUMAN RESOURCE DEVELOPMENT
LOK SABHA

UNSTARRED QUESTION NO:1514
ANSWERED ON:30.11.2011
QUALITATIVE DEVELOPMENT IN STUDENTS
Kashyap Shri Virender

Will the Minister of HUMAN RESOURCE DEVELOPMENT be pleased to state:

(a) whether the Government is aware that students coming out of universities and taking admission in reputed Indian institutes of higher research in science are the major source to take forward research work in the country;

(b) if so, the details thereof and the reasons therefor;

(c) whether Indian contribution to the global research work was 9 per cent earlier which has come down to just 2.3 per cent; and

(d) if so, the reasons therefor and the steps taken by the Government to attract the students carrying out research in the higher institutions of the country and the outcome thereof?

Answer

MINISTER OF STATE IN THE MINISTRY OF HUMAN RESOURCE DEVELOPMENT (DR. D. PURANDESWARI)

(a) to (b): Yes Sir. Every year, roughly 8525 students are awarded M. Phil and 10781 students are awarded Ph.D degrees. Department of Science and Technology (DST), Department of Bio- Technology (DBT), Centre of Scientific and Industrial Research (CSIR), Indian Council of Agricultural Research (ICAR), University grants Commission (UGC), Indian Council for Social Science Research (ICSSR) and All Indian Council for Technical Education (AICTE) etc. are funding research projects in various areas and disciplines

(c) As per the United Nations Educational, Scientific and Cultural Organisation (UNESCO) statistics, India's share of world researchers was 2.3% in 2002 and is 2.2% in 2007.There is no steep decline in India's share of world researchers.

(d) As per the information provided by DST, a Science and Engineering Board has been created to support basic research in Engineering areas of Science and Engineering. Similarly, Science and Engineering Research Council (SERC) has also been contributing for promotion of research in various fields which resulted in large number of research papers. DBT is also promoting research in various fields like Genomics, Proteomics etc and also increasing interaction between Universities and Researchers with Industries. The UGC has informed that an allocation of Rs. 1200 Crore has been made under XI five year plan to promote basic scientific research as recommended by Task Force constituted under the Chairmanship of Prof. M.M. Sharma. A Grand Alliance has also been instituted in order to synergise efforts of the Ministry of Human Resource Development (MHRD) and Ministry of Earth Sciences in areas of research and research promotion. Various research councils under the MHRD like Indian Council of Social Science Research (ICSSR), Indian Council of Historical Research (ICHR), Indian Council of Philosophical Research (ICPR) are also actively promoting research in humanities and social sciences. The UGC (Minimum Standards and procedure for Awards of M.Phil/Ph.D Degree) Regulations, 2009 has made Ph.D or NET/SLET as compulsory qualifications for recruitment of faculty positions.